U-LINE CORPORATION

Origins Series

Installation Guide

C029A and C029FF
Ice Maker/Refrigerators

www.U-LineService.com

Phone (414) 354-0300 • FAX (414) 354-7905
Service & Parts Tech Lines Phone (800) 779-2547 • FAX (414) 354-5696
OnlineService@U-Line.com

©2005 U-Line Corporation
02/2005

Contents

Exterior Cleaning 3
Cut-Out Dimensions 4
Product Dimensions 4
Door Swing/Clearances Information 4
Reversing the Door 5
Other Site Requirements 6
Custom 1/4" Thick Door Panel Insert 7
Checking Door Alignment 8
Adjusting Door Alignment 8
Water Supply Connection 8
Electrical Specifications 9
Leveling Information 10
Installation of the CO29A/CO29FF 10
Grille Installation 10
Glass Shelf Installation 11
Installation Troubleshooting 11
Initial Start-Up 11
Start-Up Troubleshooting 12
Service Information 12

1 Follow Safety Precautions

IMPORTANT

PLEASE READ all instructions completely before attempting to install or operate the unit.

- This unit requires connection to the water supply. Improper hook-up can result in substantial property damage! If you are unsure of your ability to safely connect the water supply to the unit, consult a licensed plumber for assistance.
- This unit requires connection to a grounded (three-prong), polarized receptacle that has been placed by a qualified electrician in accordance with applicable electrical codes.

Safety Alert Definitions

Safety items throughout this guide are labeled with a Danger, Warning or Caution based on the risk type:

⚠ DANGER

Danger means that failure to follow this safety statement will result in severe personal injury or death.

⚠ WARNING

Warning means that failure to follow this safety statement could result in serious personal injury, or death.

⚠ CAUTION

Caution means that failure to follow this safety statement may result in minor or moderate personal injury, property or equipment damage.

General Precautions

Use this appliance for its intended purpose only and follow these general precautions along with those listed throughout this guide:

⚠WARNING

SHOCK HAZARD — Electrical Grounding Required.

- **Keep the unit unplugged throughout installation except during testing.**
- **Never remove the round grounding prong from the plug and never use a two-prong grounding adapter.**
- **Never use an extension cord to connect power to the unit.**
- **Always keep your working area dry.**

⚠CAUTION

- Use care when moving and handling the unit. Use gloves to prevent personal injury from sharp edges.
- Do not lift the unit by the door or door handle.
- Do not install the unit behind closed doors or in any way that would obstruct airflow to the front grille, which may cause the unit to malfunction.

2 Inspect and Plan

You have received a carton containing your CO29A or CO29FF Ice Maker/Refrigerator with a package inside containing a User Manual, a Product Registration Card and water connection parts. Complete and mail the Product Registration Card or register online at www.U-LineService.com. Once your unit is installed, keep the User Manual and this Installation Guide in a safe place for future reference.

CO29A/CO29FF units are available in vinyl clad cabinets with matching doors which have a slightly contoured handle across the top and are reversible. The doors have recessed front panels that will accept a custom 1/4 inch thick door panel. Units have two tempered glass shelves.

Please carefully follow the directions that apply to your unit and your intended design.

Tools/Materials Required

- Screwdrivers — slotted and Phillips head
- 1/4-inch OD copper tubing and shut-off valve for water supply line
- 1/4-inch thick door panel material and cutting tools

Inspection

Unwrap and inspect the unit on a flat, level surface capable of supporting its entire weight.

Exterior Cleaning

(As Required)

Black and White Models:

Black and white surfaces may be cleaned with a mild detergent and warm water solution. Do not use solvent-based or abrasive cleaners. Use a soft sponge and rinse with clean water. Wipe with a soft, clean towel to prevent water spotting.

3 Prepare Site

Your U-Line product has been designed for either free-standing or built-in installation. When built-in, your unit does not require additional air space for top, sides or rear. However, the front grille must NOT be obstructed and clearance is required for water and electrical connections in the rear.

Note: Unit can NOT be installed behind a closed cabinet door.

Cut-Out Dimensions

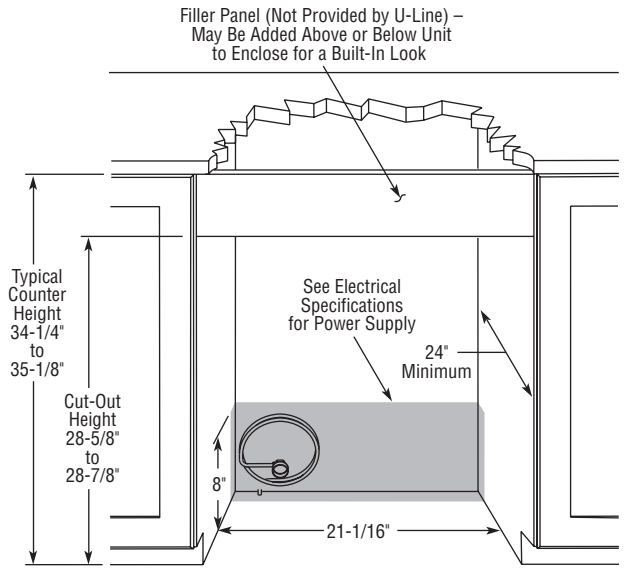


Figure 1

Follow the cut-out drawing in **Figure 1**. The 21-1/16" width allows 1/4" for ease in installation and removal of the unit. 24" is the counter depth in most installations. The unit is 24" deep including the door and handle (see **Figure 2**).

IMPORTANT

It is extremely important that the unit sits on a level surface, as it does not have feet levelers. If it is not level, the ice mold will not fill evenly.

Product Dimensions

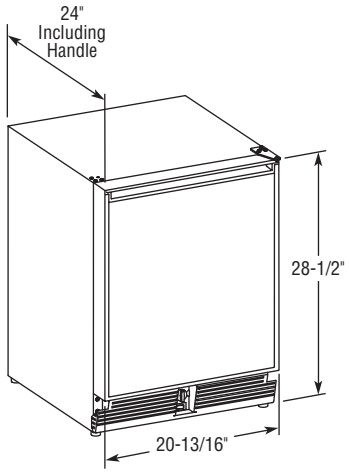
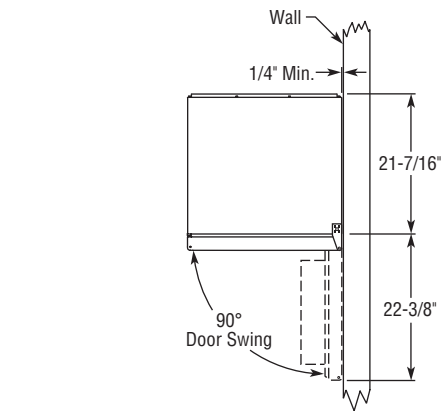


Figure 2

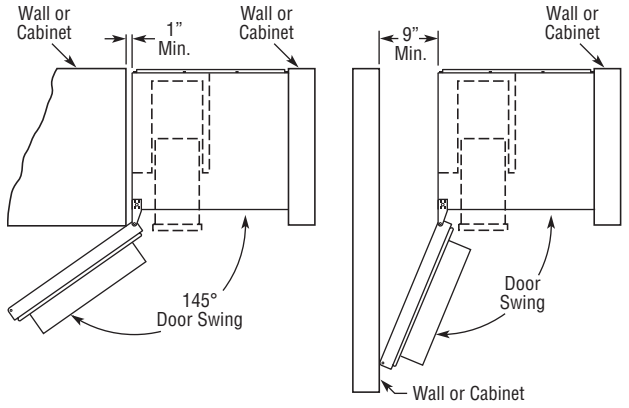
Door Swing/Clearances Information

Units have a zero clearance for the door to open 90° (see **Figure 3**). U-Line recommends a minimum door clearance of 1/4" to accommodate the handle if the unit is right-hand hinged and installed next to a wall or similar type of structure.

Units require a minimum of 1" door clearance if installed flush with cabinet or wall and 9" clearance if installed adjacent to cabinet or wall if the unit is left-hand hinged for easy removal of ice bin. See **Figure 3**.



Right-Hand Hinge



Left-Hand Hinge – Flush with Cabinet or Wall

Left-Hand Hinge – Adjacent to Cabinet or Wall

Figure 3

Reversing the Door

All units may be left- or right-hand opening.

Note: The grille should not yet be installed. If it has been installed, remove it for door reversing. See **Page 10**.

To reverse the door:

1. Remove top hinge from cabinet (three screws). See **Figure 4**. Hold door to keep it from falling.
2. Lift the door off the bottom hinge.

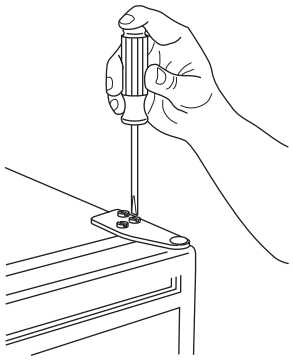


Figure 4

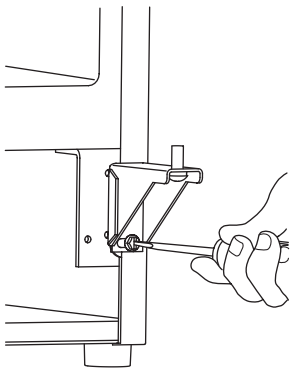


Figure 5

3. Remove bottom hinge from cabinet (two screws). See **Figure 5**. Remove screws on opposite side of cabinet (**Figure 6**). Note that there may be a nut behind one or both screws on either side.

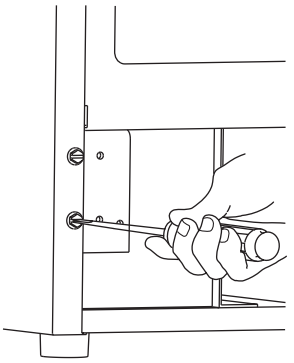


Figure 6

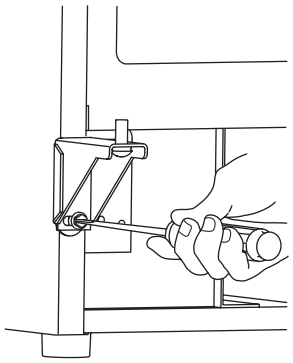


Figure 7

4. Install hinge on opposite side, bottom of cabinet. See **Figure 7**. Replace nut on back side where installed. Align hinge outer edge with cabinet before tightening screws.

5. Relocate plastic spacer/bushing on bottom of door to opposite side, and place door on bottom hinge pin. See **Figure 8**. Clean out bushing hole in door bottom with a screwdriver if necessary.
6. Remove plastic hole plug from door handle and relocate on opposite side. See **Figure 9**.

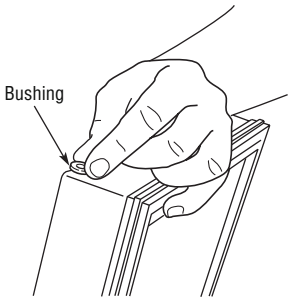


Figure 8

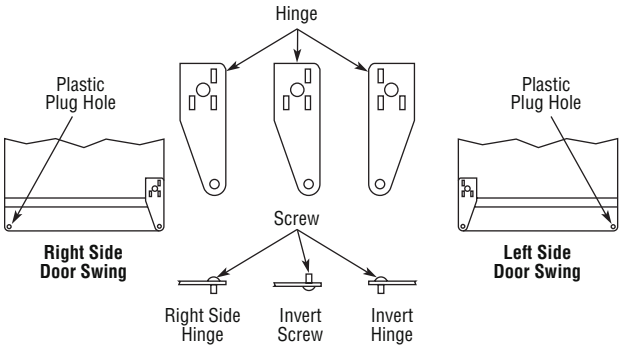


Figure 9

7. Remove pivot screw from top hinge, invert screw and reinstall pivot screw in top hinge. See **Figure 9**.
8. Remove three plastic screw plugs from hinge holes, top of cabinet, opposite side. Be careful not to scratch cabinet. See **Figure 10**.
9. Place door on lower hinge pin. Invert and install upper hinge on door.

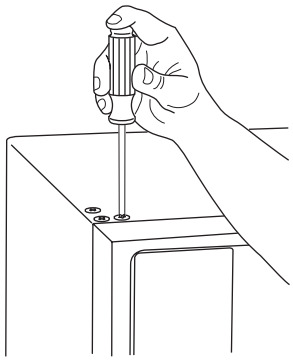


Figure 10

10. Fasten upper hinge to unit (three screws). Partially tighten screws. See **Figure 11**.
11. Adjust door to assure proper seal. Tighten upper and lower hinge screws securely.
12. Replace three plastic plugs removed in Step 8 into holes on top of unit. Replace screws in holes in bottom of unit on opposite side.

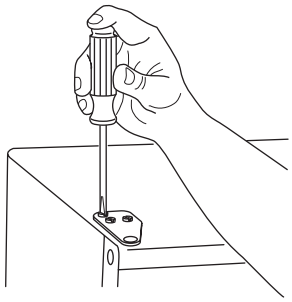


Figure 11

Other Site Requirements

Power Supply

The unit requires a grounded and polarized 115 VAC, 60 Hz, 15A circuit (normal household current). See Electrical Specifications on **Page 9**.

Water Supply

The unit requires a 1/4-inch OD water supply line and a shut-off valve. For more information see **Page 8**.

Environmental Requirements

The surrounding air temperature must be at least 50°F (10°C) but must not exceed 110°F (40°C). Units may be installed outdoors in a covered area. The unit must not be located near heat-generating equipment or in direct sunlight.